

Arboviral Surveillance Report

September 26, 2016

Surveillance

The City's arboviral surveillance continued last week with the city-wide placement of 81 traps. Mosquitoes were collected on two consecutive nights and tested in-house for West Nile virus (WNV) and St. Louis Encephalitis (SLE). Though trap counts increased, WNV positive results decreased approximately 75% from the prior week. The risk of WNV infection continues to decline.

Mosquitoes (data from 81 traps)

Week 38 (09/18/16 – 09/24/16)	
Total Collections (Number of Traps X Frequency of Collection)	155
Number of Female <i>Culex</i> Trapped and Tested	2,120
Number of Pools Tested	124
Number of Pools Positive	3
Number of Community Areas with Positive Mosquito Pools	3
Cumulative Totals	
Total Collections (Number of Traps X Frequency of Collection)	2,421
Number of Female <i>Culex</i> Trapped and Tested	35,844
Number of Pools Tested	1,935
Number of Pools Positive	460
Number of Community Areas with Positive Mosquito Pools	43

Community Areas with Positive Mosquito Pools (Cumulative): Archer Heights, Armour Square, Ashburn, Austin, Avalon Park, Avondale, Belmont Cragin, Beverly, Chatham, Chicago Lawn, Clearing, Dunning, East Garfield Park, Edgewater, Edison Park, Englewood, Forest Glen, Gage Park, Greater Grand Crossing, Hegewisch, Humboldt Park, Irving Park, Lake View, Lincoln Park, Lincoln Square, Near West Side, New City, North Lawndale, North Park, Norwood Park, O'Hare, Portage Park, Pullman, Riverdale, Rogers Park, South Deering, South Lawndale, South Shore, Uptown, Washington Heights, West Lawn, West Pullman, West Town

Dead Birds: 2 – unable to test 2- pending results

BG Sentinel Trap Data (Cumulative): *Aedes albopictus* – 3,186 females and 811 males

Humans: 24

Risk Assessment

The risk of human West Nile virus infection is low.

Larval and Adult Mosquito Control Efforts

No areas of the City are scheduled for adulticiding this week.